

Memo

Date: Oct. 10, 2002
to: T. Sheridan
from: R. Casey *WRC*
Subject: TTB ARR Verification

The ARR Team has completed its verification of open items referenced in our report to you of September 30, 2002. We find that all items are either closed or are included in control room checklists that must be completed and signed off prior to deuteron operations. We recommend that you authorize permission for the routine transport of low mass ions from the Tandem Van de Graff to the Booster, subject to the completion of the Radiation Safety Committee and Accelerator Systems Safety Committee checklists. This authorization is understood to include future use of low mass ions in the RHIC storage rings. We will perform an audit after the beginning of deuteron transport to ensure that the check-lists were completed as prescribed.

Please let me know if you have any questions.

cc. E. Lessard
P. Kelley – DOE Facility Representative
H. Kahnhauser
M. Davis - ARR Team Member
T. Monahan - ARR Team Member
S. Stein - ARR Team Member


Signature Page

A committee, consisting of the personnel listed below, was charged by the Deputy Director of Operations on May 9, 2002 to perform an Accelerator Readiness Review (ARR) of the operation of the Tandem to Booster (TTB) Line with low mass ions. In addition, a related part of this review was to confirm the operation of RHIC with deuterons and other ions. The purpose of this review was to ensure that the required administrative controls and engineered safeguards committed in previous reviews to operate in these modes safely have been provided by the Collider Accelerator Department.

This review was conducted in compliance with the provisions of DOE Order 420.2, *Safety of Accelerator Facilities* and the Brookhaven National Laboratory Accelerator Safety Subject Area.

Committee member signatures below denote concurrence that the Collider Accelerator Department has completed the actions needed to address all open issues listed in our report of September 30, 2002. We recommend authorization for the routine transport of low mass ions from the Tandem Van de Graff to the Booster, subject to the completion of the Radiation Safety Committee and Accelerator Systems Safety Committee checklists. This authorization is understood to include future use of low mass ions in the RHIC storage rings.

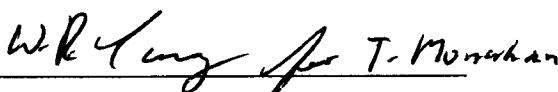
Casey, Robert (NSLS)



Davis, Mark (ES):



Monahan, Terry (SHS):



Stein, Steve (QP&SO):

